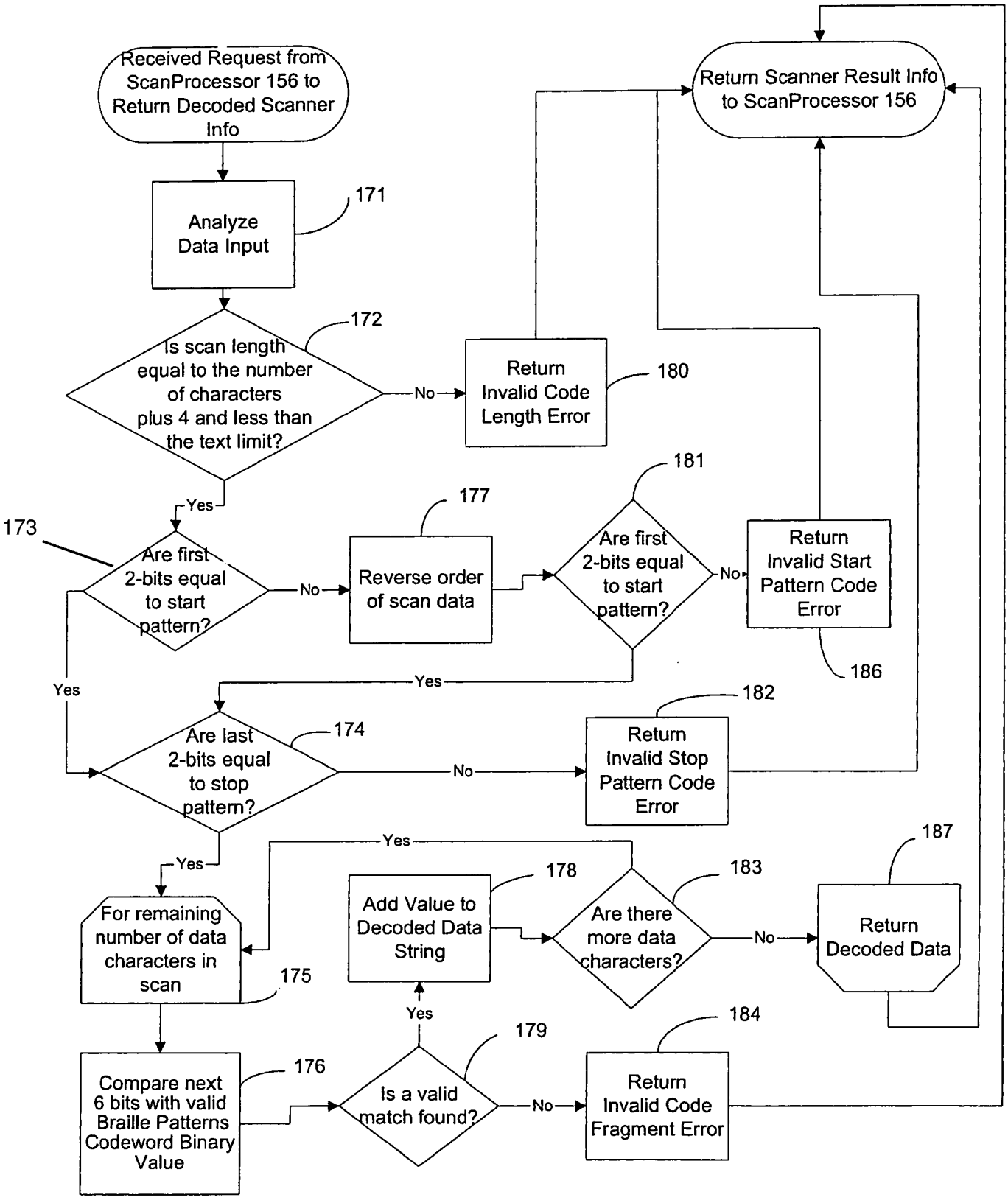
Received Request from ScanProcessor 156 to Return Decoded Scanner Info
Return Scanner Result Info to ScanProcessor 156
Analyze Data Input
171
Is scan length equal to the number of characters plus 4 and less than the text limit?
172
No
Return Invalid Code Length Error
180
Yes
173
Are first 2-bits equal to start pattern?
No
Reverse order of scan data
177
Are first 2-bits equal to start pattern?
181
No
Return Invalid Start Pattern Code Error
186
Yes
Yes
Are last 2-bits equal to stop pattern?
174
No
Return Invalid Stop Pattern Code Error
182
Yes
Yes
For remaining number of data characters in scan
175
Add Value to Decoded Data String
178
Are there more data characters?
183
No
Return Decoded Data
187
Yes
Compare next 6 bits with valid Braille Patterns Codeword Binary Value
176
Is a valid match found?
179
No
Return Invalid Code Fragment Error
184

FIG. 11

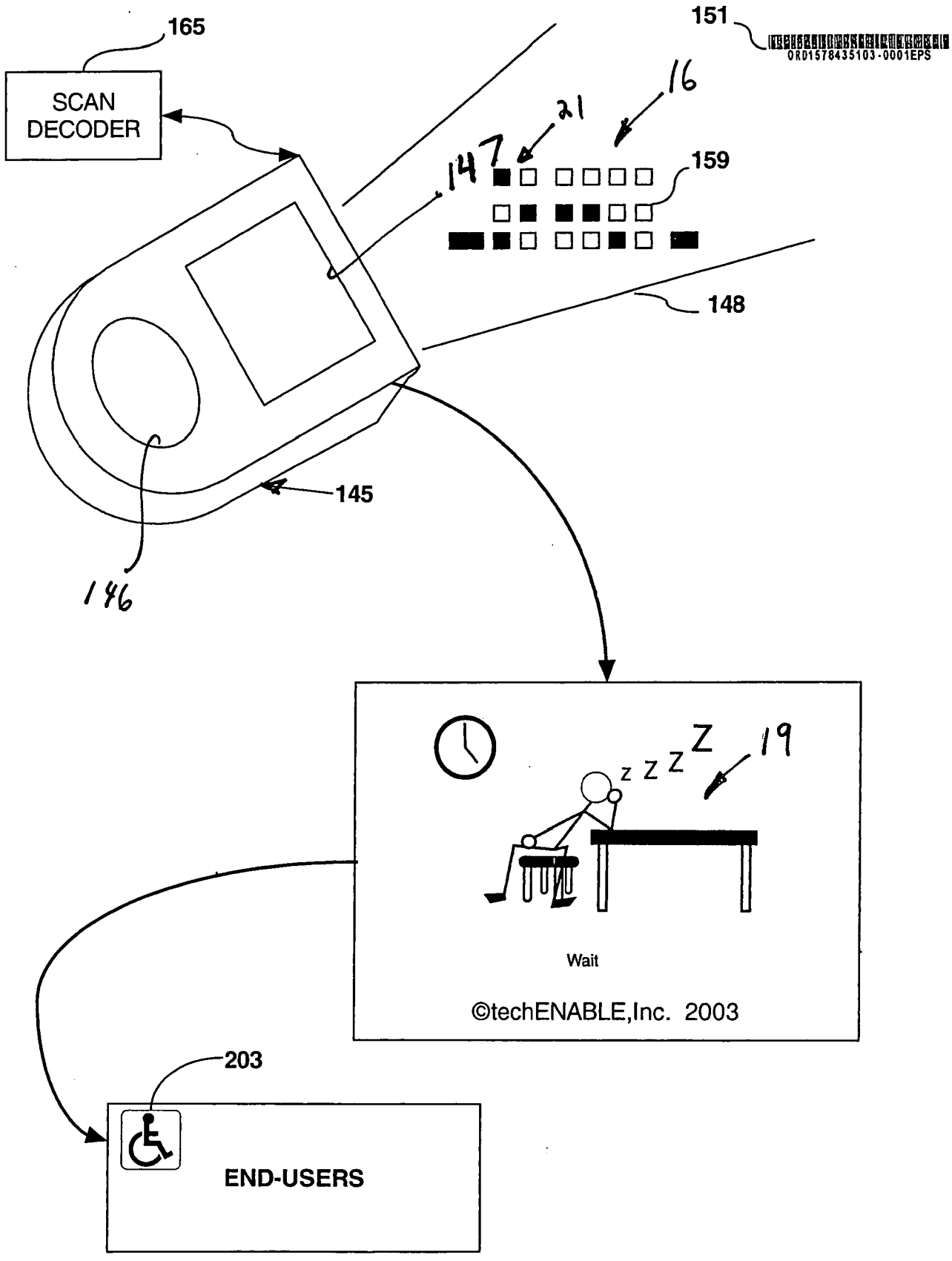
165
SCAN DECODER
151
ORD1578435103-0001EPS
16
21
147
159
148
145
146
19
z z z Z
Wait
©techENABLE,Inc. 2003
203
END-USERS

FIG. 12

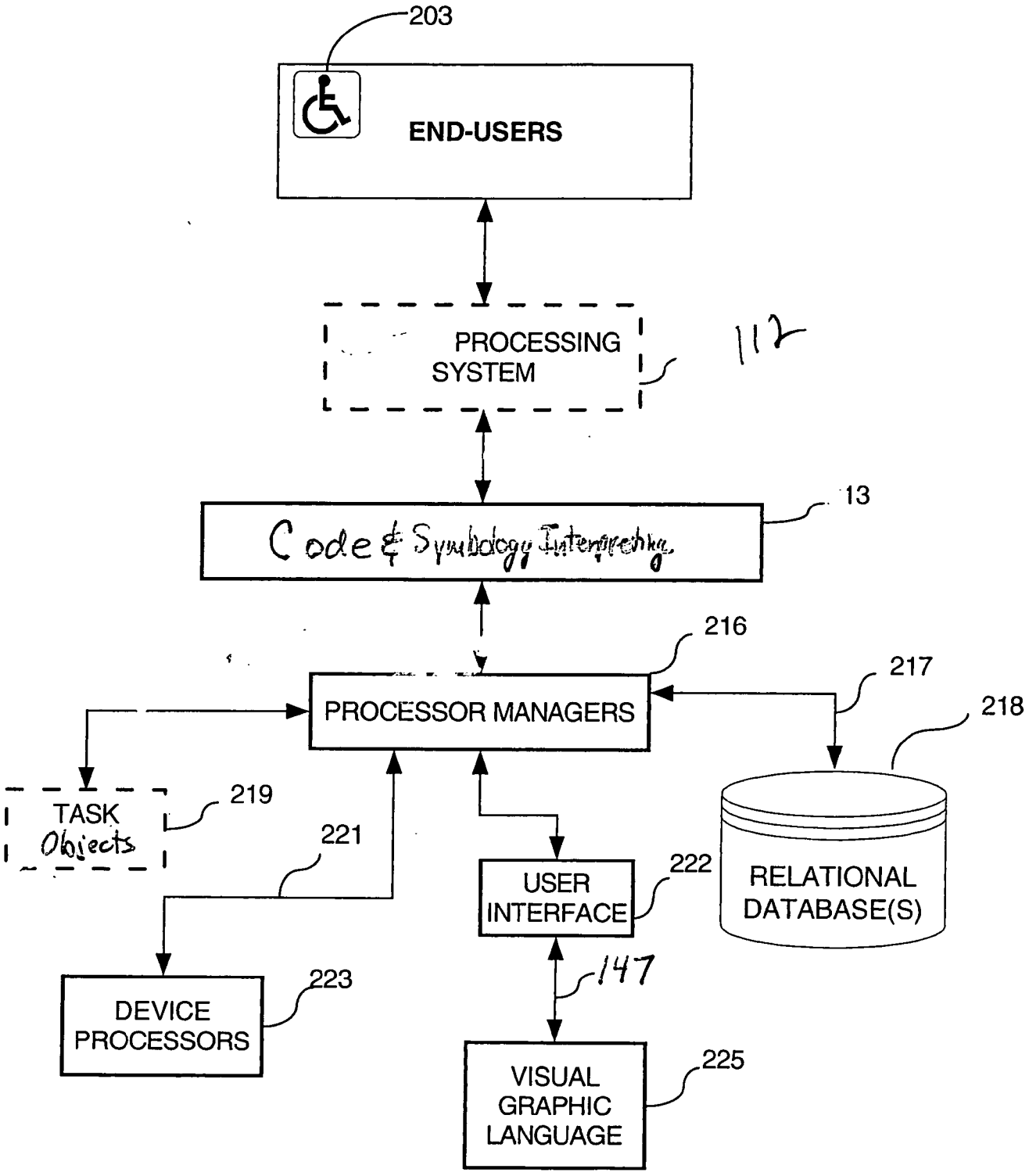
203
END-USERS
PROCESSING SYSTEM
112
13
Code & Symbology Interpreting
216
217
218
PROCESSOR MANAGERS
TASK Objects
219
221
222
USER INTERFACE
RELATIONAL DATABASE(S)
147
DEVICE PROCESSORS
223
VISUAL GRAPHIC LANGUAGE
225

FIG. 15

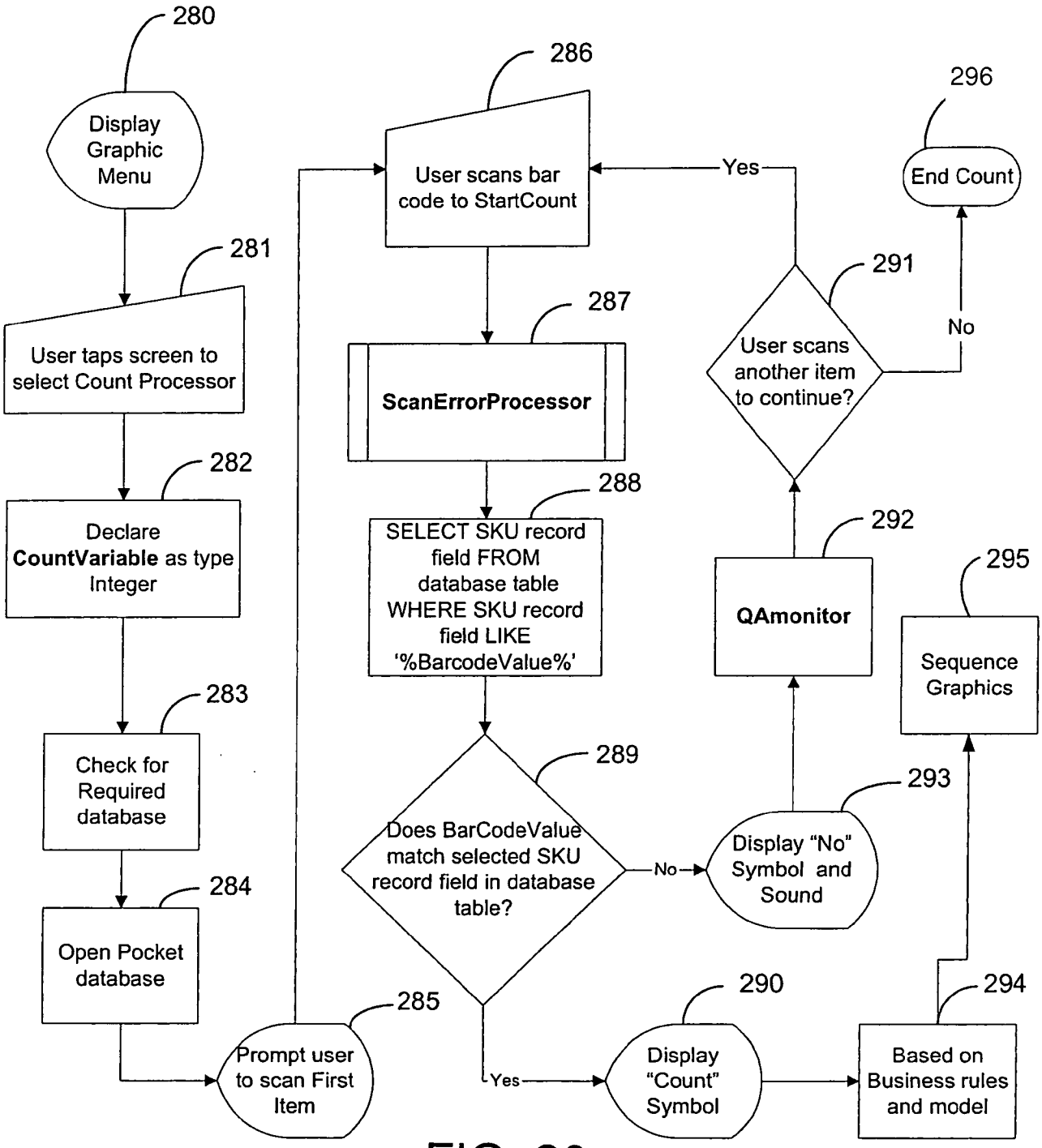
280
Display Graphic Menu
281
User taps screen to select Count Processor
282
Declare **CountVariable** as type Integer
283
Check for Required database
284
Open Pocket database
285
Prompt user to scan First Item
286
User scans bar code to StartCount
287
ScanErrorProcessor
288
SELECT SKU record field FROM database table WHERE SKU record field LIKE '%BarcodeValue%'
289
Does BarCodeValue match selected SKU record field in database table?
No
Yes
290
Display "Count" Symbol
291
User scans another item to continue?
Yes
No
292
QAmonitor
293
Display "No" Symbol and Sound
294
Based on Business rules and model
295
Sequence Graphics
296
End Count

FIG. 20